

Peak District National Park

Forecast valid from 00:00 on Thursday 10 Mar 2022 until 23:59 on Friday 11 Mar 2022

Forecast Issued on Wednesday 09 Mar 2022 at 14:44

Confidence: High for unsettled and often windy conditions over the next few days. Lower confidence for the timing of rain bands crossing the United Kingdom.

Headline for Thursday 10 Mar 2022: Cloudy with a little rain at times. Windy.

Mountain weather hazards on Thursday 10 Mar 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Mist	Light rain	Dull	Cloudy	Dull	Light rain
Precipitation probability							
40%	40%	40%	40%	30%	30%	20%	70%

Forecast for Thursday 10 Mar 2022

Weather: Cloudy overnight and through the morning with outbreaks of light rain. Becoming dry in the afternoon with a little brightness possible. Thicker cloud and outbreaks of rain spreading north in the evening.

Chance of cloud-free hill tops above 600m: 60%, becoming 40% in evening.

Low cloud and visibility: Patchy cloud above 500 or 600m but bases above the summits for most of the day. Below the cloud, generally hazy, occasionally a few km in rain. Cloud lowering to about 400m in the evening.

Forecast for Thursday 10 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/37 S	24/33 S	24/33 S	24/34 S	24/35 S	20/31 S	18/25 S	21/31 SE	22/33 SE
300	20/30 S	18/28 S	18/27 S	19/29 S	19/31 S	17/28 S	13/22 S	16/27 SE	17/28 SE
Valley	13/29 SE	11/26 SE	13/27 SE	14/28 S	15/30 S	13/27 S	9/19 S	12/25 SE	13/28 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	5/-1	5/-1	5/-0	6/0	6/2	6/2	6/1	5/0
300	8/3	7/3	7/3	8/4	8/4	9/6	8/5	8/4	8/4
Valley	8/5	8/5	8/5	9/6	10/6	10/7	9/7	9/6	8/5
Freezing Level*	1800m	1700m	1700m	1300m	1200m	1300m	1500m	1500m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts of 35 to 40mph on the high summits and moors in the morning giving some buffeting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 09 Mar 2022	1.2mm	1.4mm	7.8mm

Forecast for Friday 11 Mar 2022

Weather: Cloudy with showery outbreaks of rain but perhaps a little brightness at times in the morning. The rain turning heavier and more persistent for a while in the afternoon before clearing away east during the evening. Strong southeasterly winds.

Maximum wind: Southeasterly 25 to 30mph, gusts 45mph on the tops.

Chance of cloud-free hill tops above 600m: 60%.

Low cloud and visibility: Occasional cloud and fog above about 500 or 600m, perhaps lifting above the summits for a while during the middle of the day. Mainly good visibility outside of cloud but rather hazy.

Temperature: **Valleys:** Plus 7C rising to 10 or 11C.
At 600m: Plus 5 rising to 6 or 7C.
Freezing level: Above summits.